

Red Line Extension Livability Project

Report on Interim Progress

June 2012

CMAP Transportation Committee



Project Introduction

- Purpose: to highlight the livability benefits of the proposed Red Line extension south to 130th Street
- Boundaries:
 - 95th Street on the north
 - 130th Street on the south
 - Stony Island Avenue on the east
 - Ashland Avenue on the west
- Partners:
 - Developing Communities Project (DCP)
 - Loyola Center for Urban Learning (CURL)
 - Chicago Transit Authority (CTA)
- Deliverables: the project will produce a final video, written reports and a series of maps for distribution through DCP, CTA and CMAP

Previous Reports for Review

- ***The Case for Transit Oriented-Development in the Greater Roseland Area*** (Voorhees Center, 2005)
- ***Locally Preferred Alternative Report*** (CTA, 2009)
- ***GO TO 2040*** (CMAP, 2010)
- ***What Will Your Station Look Like?*** (CMAP, MPC, CNT, 2010)
- ***Value Capture Study*** (CMAP, S.B. Friedman, 2010)
- ***Integrating Livability Principles into Transit Planning: An Assessment of Bus Rapid Transit Opportunities in Chicago*** (MPC, 2011)

Qualitative Community Research

- CMAP contracted with Loyola University (CURL) to assist with the participatory community research portion of the livability project
- CURL seeks to promote equality and to improve people's lives in communities throughout the Chicago metropolitan region
- CURL will reach approximately 175 community stakeholders
 - Fifteen focus groups
 - Twenty individual interviews
- Focus Group Categories
 - Block Club Representatives
 - Business Owners
 - Church Community
 - College & University Community
 - Day Care Center Providers
 - Disability Groups
 - Environmental Equity Groups
 - Homeowners
 - Medical Community
 - Public Housing Residents
 - Public School Leaders & Faculty
 - Senior Citizens
 - Workforce Development Organizations
 - Young Families
 - Youth

Community Focus Groups & Interviews

Current use of public transportation and commute patterns

- How do you currently use public transportation? Where do you go?
- What are your transportation/commuting routines in a typical week?
- How long does your commute last on average?
- What challenges do you experience, if any, with public transportation? (probe: accessibility near home/work/children's school or child care, etc.)
- What has been your experience with gaps in service, hours of operation, transfers etc., when utilizing public transportation?
- What are your thoughts on the affordability/cost of transit fares?
- What, if any, "park and ride" options exist in your community?
- Do you have any safety concerns when getting to and utilizing public transportation (walkable paths to bus or rail stations, lighting etc.)?
- How far do you have to travel for shopping and other errands (e.g. grocery, goods, services)?

Impact of an extension of the Red Line

- What do you hope to see with an extension of the Red Line to 130th Street?
- How would you/your family be affected by an extension of the Red Line to 130th Street?
- How would your community be affected by the service extension?
- Describe how your transportation patterns might be affected / changed by an extension of the Red Line?
- What do you see are potential positive effects of a Red Line extension? (probe: environmental impacts, public safety, employment, retail amenities such as food stores, development of open space (e.g. 115th Street))
- What are your concerns about potential negative effects of a Red Line extension? (probe: potential displacement, potential for gentrification, CHA transformation activity, release of environmental hazards)

Life/ history questions

- How long have you lived in your current community?
- What have you heard / what do you know about the proposed Red Line extension? [If previously resided in different area of Chicago/outside of Chicago]
- Where did you live previously?
- What was your access to public transportation like there [previous community]?
- What prompted you to move to this area?

Your community

- What are some positive aspects of your community?
- What are some challenges you experience with living in your community?
- What do you hope to see in the future in terms of economic development in your community?

Quantitative Analysis

- **Purpose:** to demonstrate and quantify the impacts and benefits of the Red Line extension on local residents
 - Shorter commute times
 - Improved access to employment opportunities
 - Better connectivity to community assets, public services, and amenities
- **Demographics**

Population, Households, and Household Size, 2010

	Chicago Total	Greater Roseland Area
Population	2,695,598	115,541
Households	1,045,560	64,215
Average Household Size	2.52	2.2

Source-2010 Census

Population and Change in Population, 2000 and 2010

	Chicago Total	Greater Roseland Area
Population, 2000	2,896,016	125,643
Population, 2010	2,695,598	115,541
Change, 2000-10	-200,418	-10,102
Change as %, 2000-10	-6.9%	-8.0%

Source-2000 and 2010 Census

Race and Ethnicity, 2010

	Chicago Total		Greater Roseland Area	
	Count	Percent	Count	Percent
White	85,4717	31.7%	7,207	6.2%
Hispanic or Latino*	778,862	28.9%	1564	1.3%
Black or African American	872,286	32.4%	104,926	90.8%
Asian	144,903	5.4%	155	0.1%
Other**	44,830	1.7%	1965	1.7%

Source-2010 Census

Quantitative Analysis

- Transportation Challenges
 - Limited Metra Schedule
 - UP at-grade road crossing causing congestion
 - Cal Sag channel natural barrier
 - Halsted Street is the only through north-south street that crosses the channel
- Mode Share, as percentage of commuting workers

	Greater Roseland Area	City of Chicago	Region
Total Workers (age 16+)	34,243	1,168,318	3,844,599
Worked at Home	764	54,588	181,715
Total Commuting Population	33,479	1,113,730	3,662,884
Drive Alone	61.0%	52.6%	72.8%
Carpool	9.9%	9.9%	9.1%
Transit	26.4%	27.7%	12.8%
Walk	2.1%	6.9%	3.4%
Other	0.6%	2.9%	1.8%

Total Annual Vehicle Miles Traveled (VMT) per Household (HH)

Greater Roseland	City of Chicago	Cook County	Chicago Region (MSA)
16,754 Annual Miles	13,650 Annual Miles	15,780 Annual Miles	18,272 Annual Miles

Source: Center for Neighborhood Technology, "H+T Affordability Index" website: <http://htaindex.cnt.org/map/>

Quantitative Analysis

- Residents burdened by Housing & Transportation (H & T) costs
 - 21% of the regional median income on housing and 20% on transportation (H+T Costs = 41.4%) – understates problem due to lower incomes in Greater Roseland

	Greater Roseland	City of Chicago	Cook County	Chicago Region (MSA)
Housing Costs as percent of income	20.8%	25.2%	26.8%	28.2%
Transportation Costs as percent of income	20.6%	17%	19.6%	21.8%
"H+T" Costs as percent of income	41.4%	42.2%	46.3%	50%

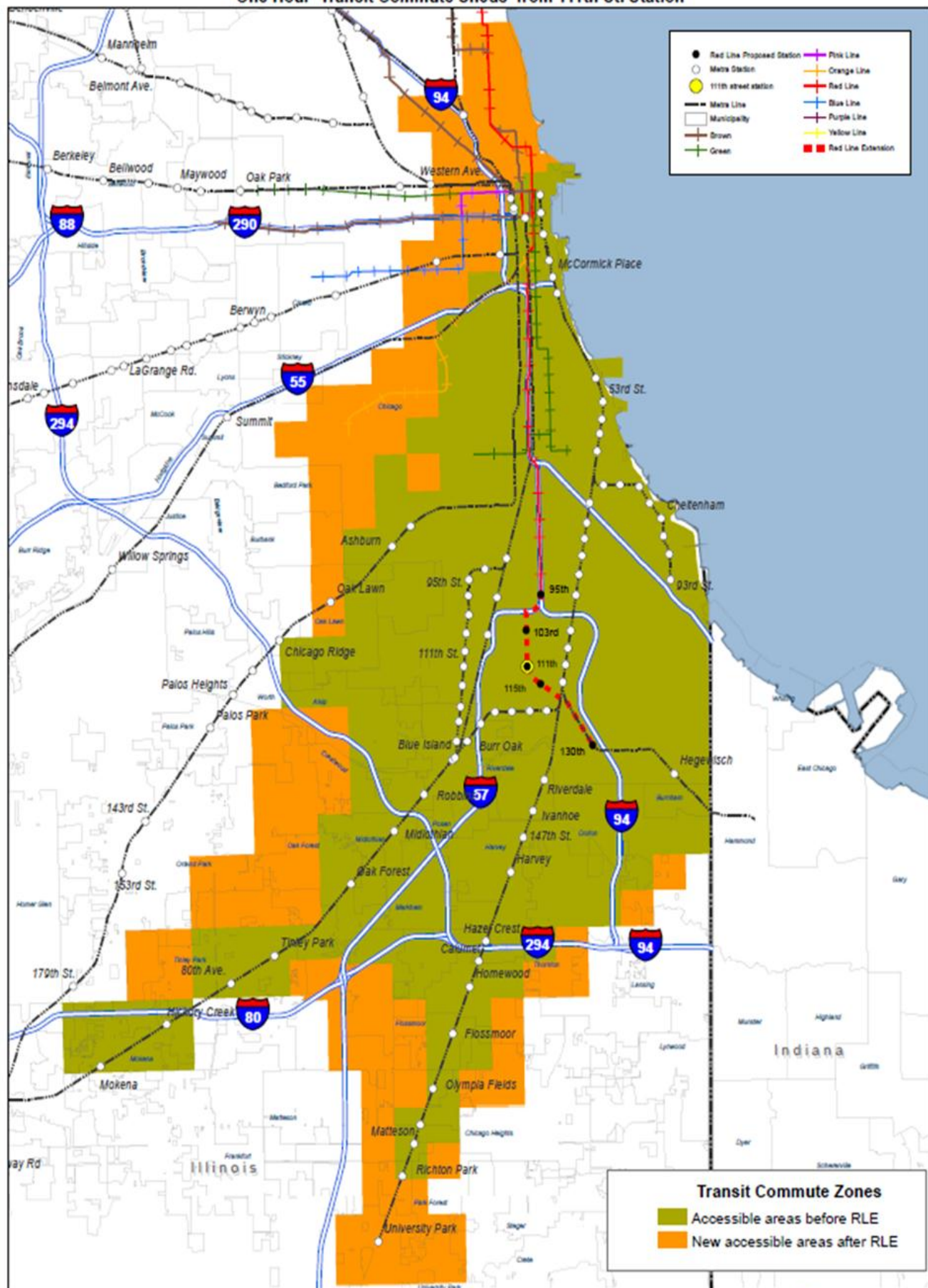
Source: CNT, "H+T Affordability Index": <http://htaindex.cnt.org/map/>

- Commute Times and Access to Regional Assets
 - A trip from 130th Street station to the loop would be shortened by 20 minutes (61.75 to 41.25 minutes)

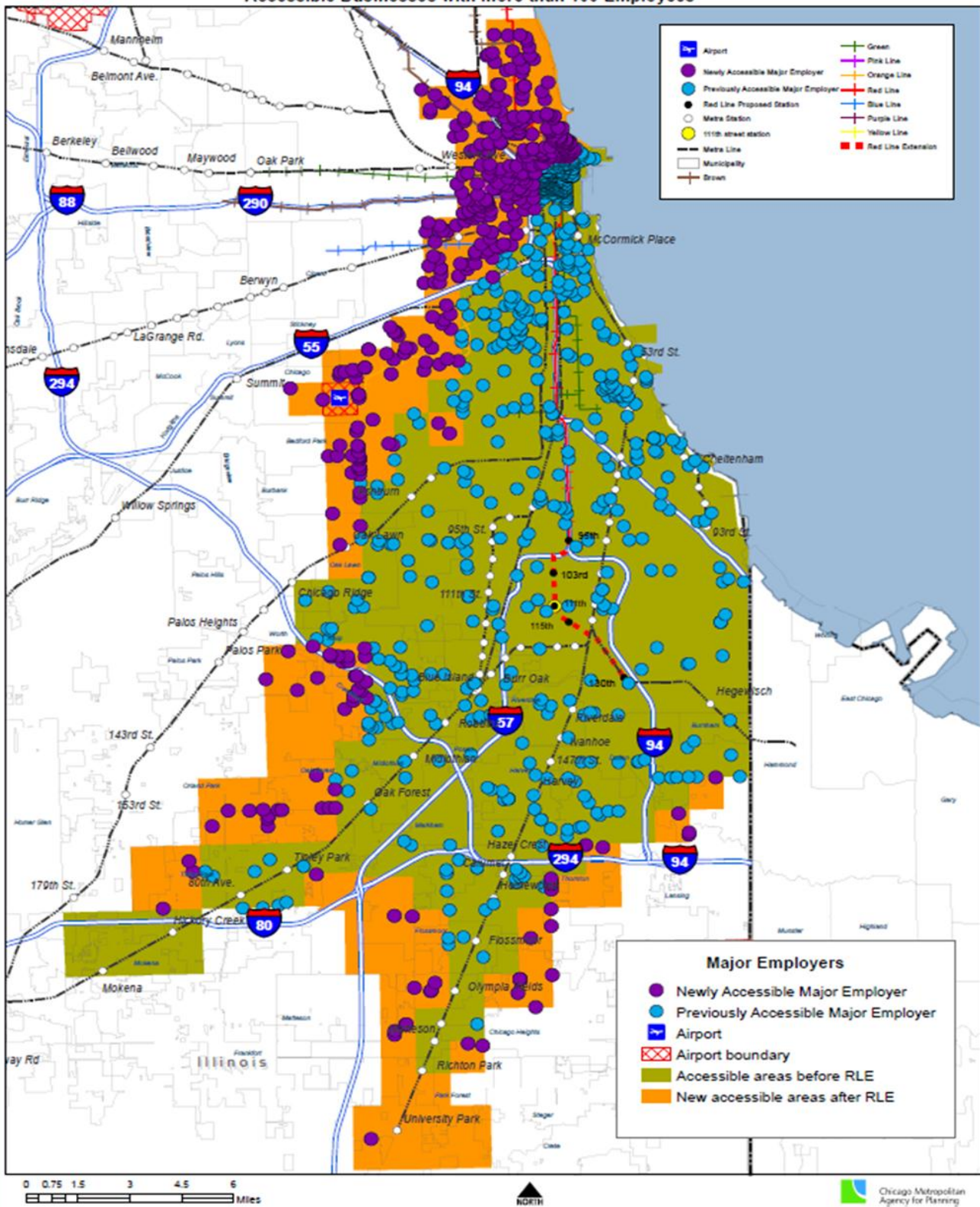
Travel Time Elements	No Build	LPA
Wait time at 130th Station	3.50	2.25
Run time 130th to 95th Stations	28.00	14.00
Walk time: curb to platform	3.00	0.0
Wait time at 95th Station	2.25	0.0
Rail run time 95th to Jackson Station	25.00	25.00
Total Travel Time	61.75	41.25

Source: CTA

One Hour Transit Commute Sheds from 111th St. Station

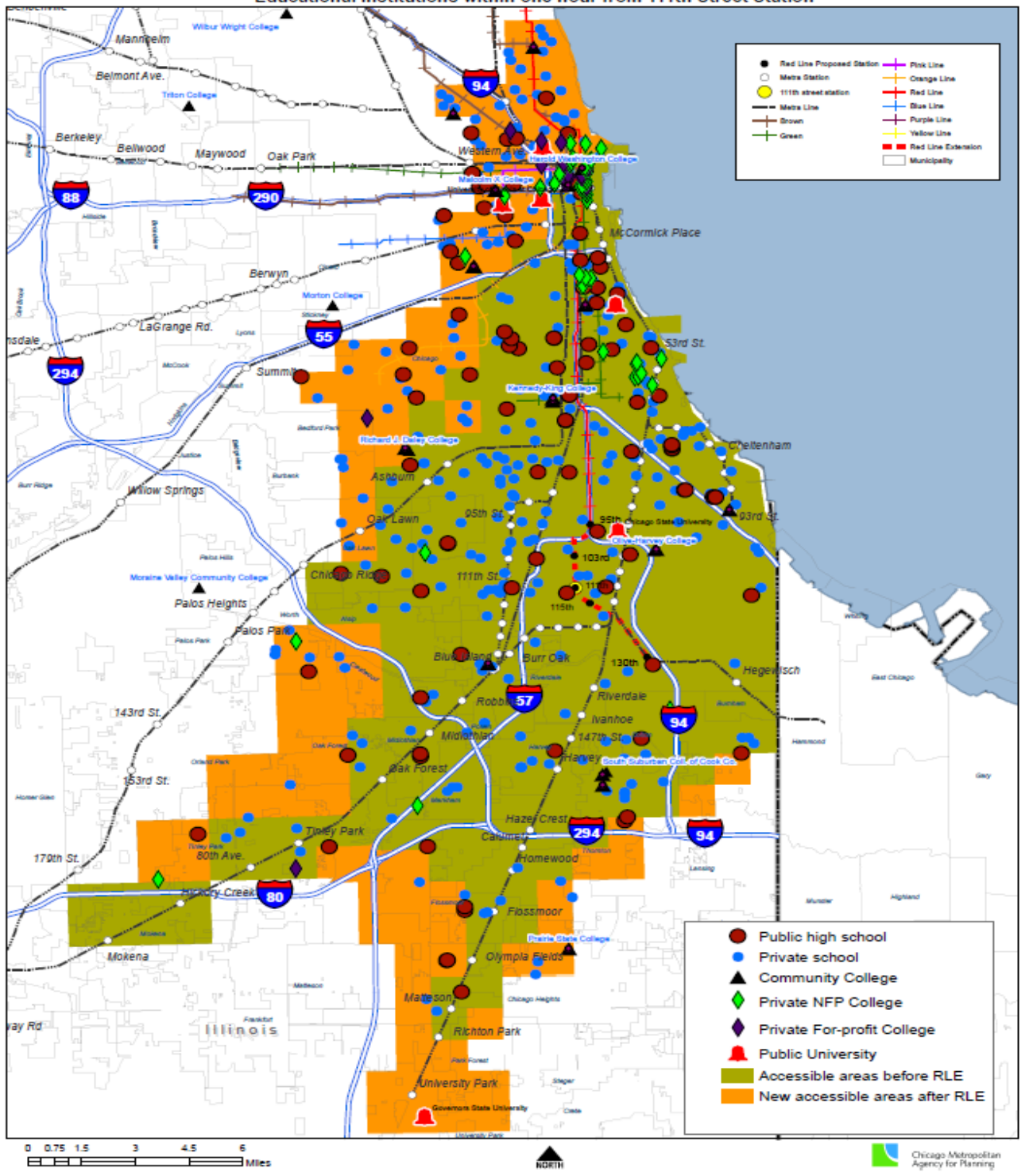


Accessible Businesses with more than 100 Employees



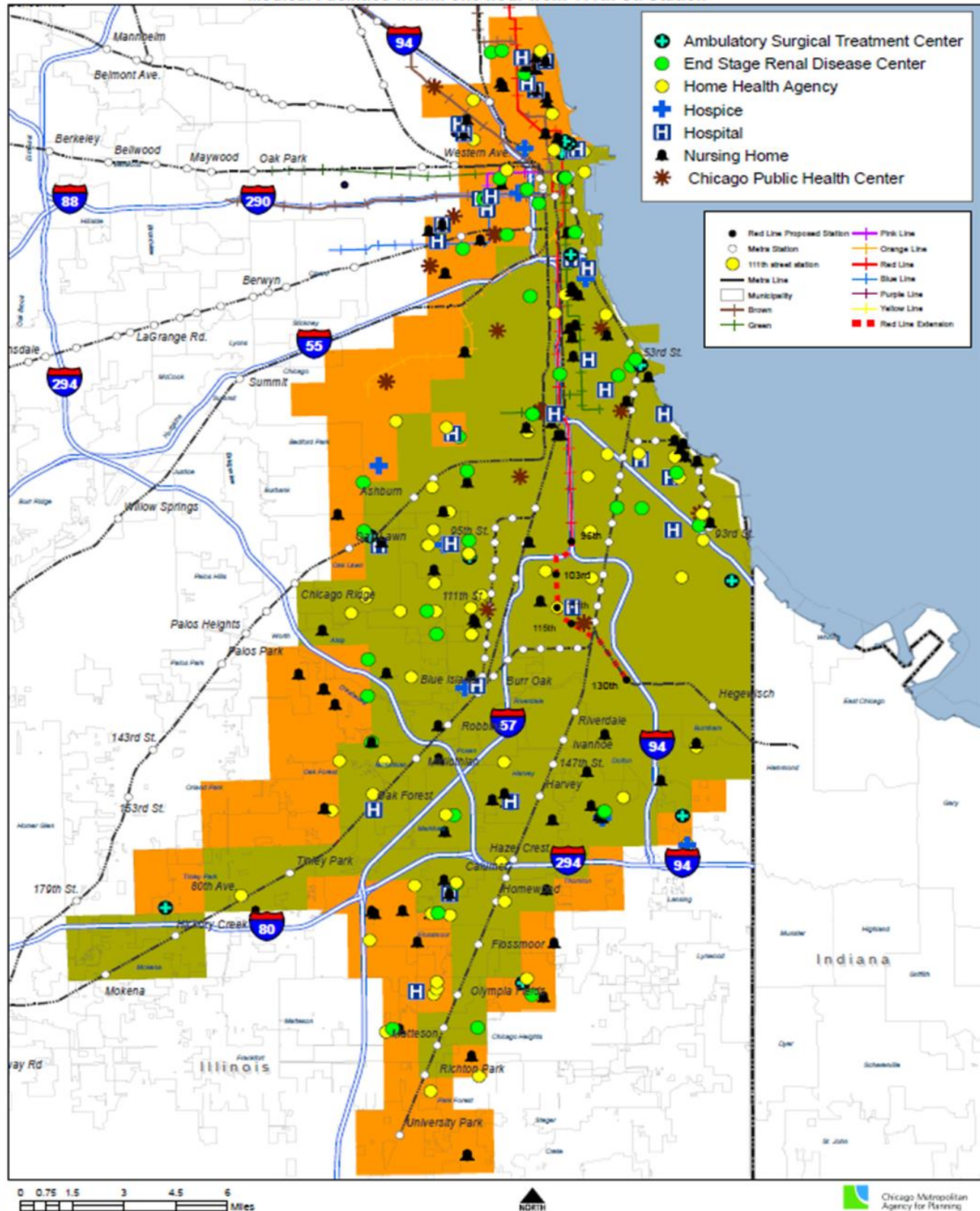
<u>Accessible Jobs in Chicago</u>	Before	After	Newly Accessible
No. of Businesses	53,610	66,630	13,020
No. of Jobs	991,897	1,190,260	198,363

Educational Institutions within one hour from 111th Street Station



Type of Institution	Before	After	Newly Accessible
Community College	10	17	7
Private NFP University	36	40	4
Private For-Profit University	12	15	3
Public University	2	6	4
Total	60	74	14

Medical Facilities within one hour from 111th St. Station



Type of Facility	Before	After	Newly Accessible
Major Hospital	16	31	15
City of Chicago Public Health Clinic*	17	30	13
Surgical Center	6	13	7
Hospice/End Stage Center	32	58	32
Nursing Home	53	93	40

DCP Red Line Extension--103rd Station Land Use



DCP Red Line Extension--111th and 115th Vacant Land



Legend

Vacant Land

Test Application

 Vincent Apendone

 Vincent Let in Use

 Vacant Used as P

Legend: Vacant=Other

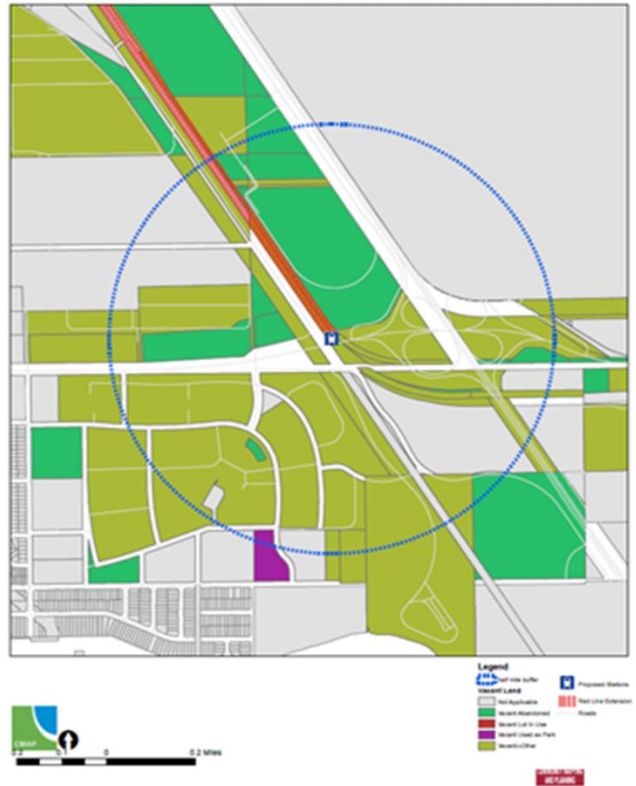
 Proposed Solution

Roads

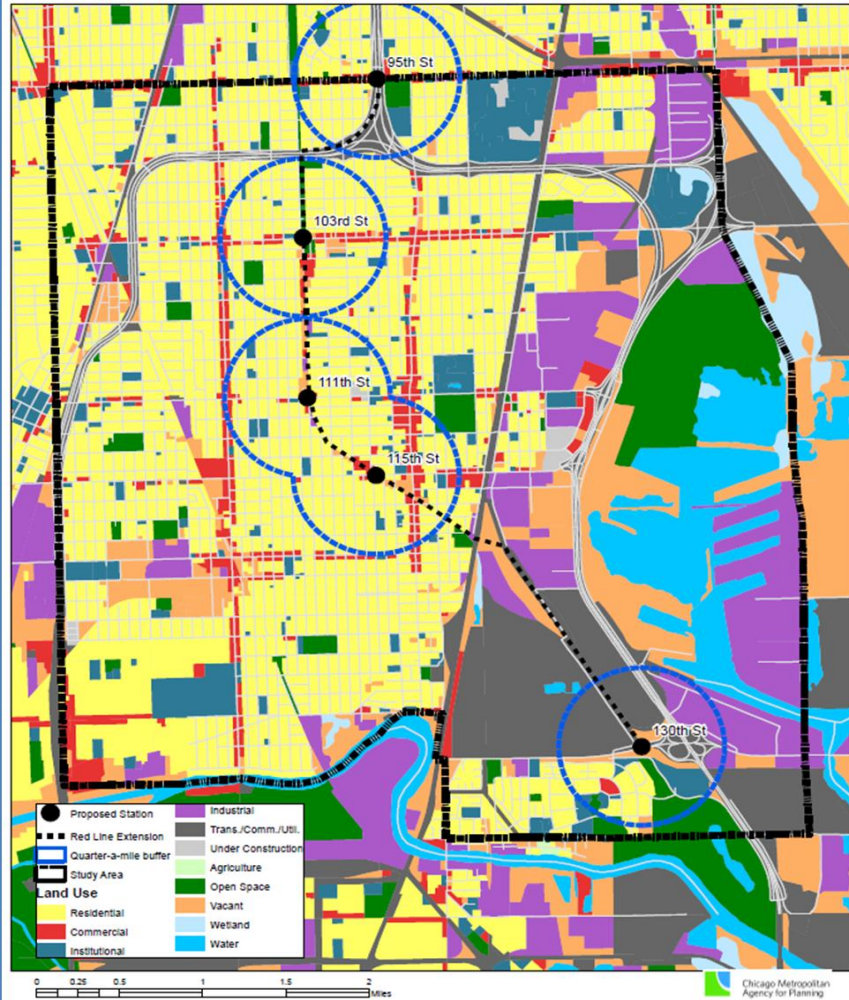


Figure 1

DCP Red Line Extension--130th Station Vacant Land



Land Uses in the Greater Roseland Area



Next Steps

- Conduct interviews and focus groups
- Perform analysis of access to additional assets (open space, community services, food stores, retail, entertainment/cultural facilities), based on previous MPC work
- Further describe development potential in immediate station areas